

Anchoring & Grounding

Coasters Harbor Navy Yacht Club

www.nwc.navy.mil/chnyc

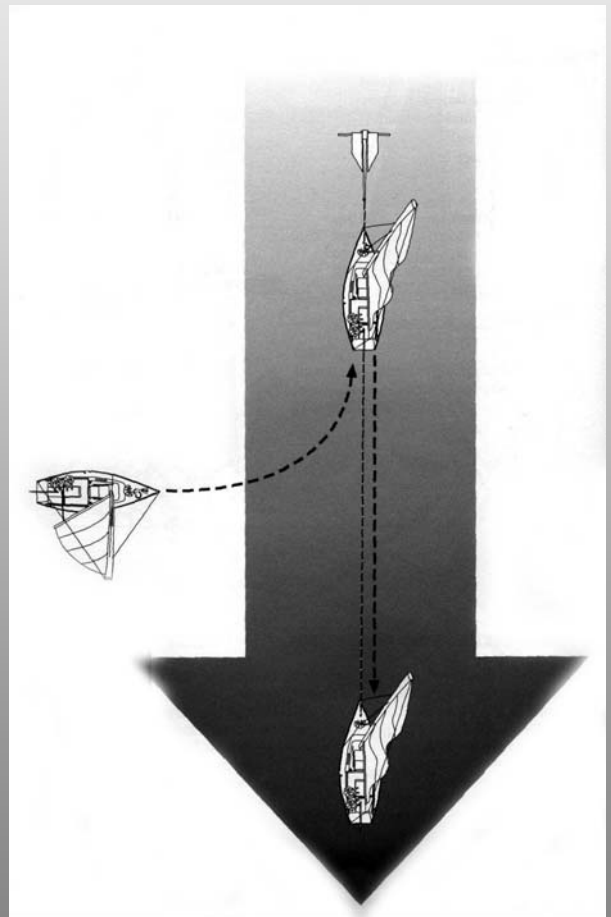


Anchoring Preparation

- **Preparation is key**
- **Stow the jib**
 - Clear foredeck
- **Anchor & rode coiled**
 - Danforth
 - 100 ft nylon line
- **Rode tied to mast**
 - Bowline

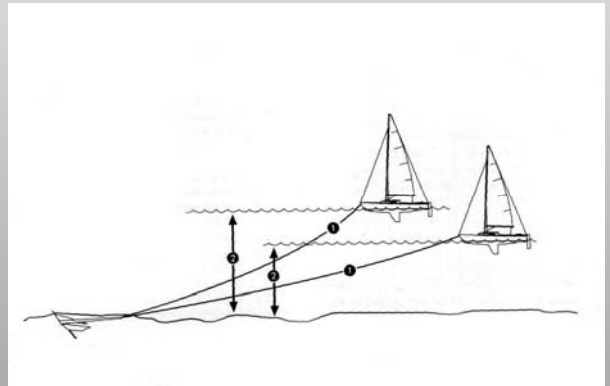
Anchoring Steps

- **Sail on a reach**
 - 3-4 boat lengths downwind of drop point
- **Head into wind**
- **As come to a stop, crew lowers anchor**
 - Do not throw or drop it
- **Pay out rode as drift back**
- **Check scope**
 - Is anchor holding?
- **Lower mainsail**



Scope

- **Ratio of anchor rode to water depth**
- **Scope 7:1 adequate**
 - In 10 ft of water have 70 ft of rode
- **Charted depth**
 - Low tide
 - Check tide & current
- **Swing clear of obstacles**
 - 360 degrees



Is anchor holding?

- **Sight two objects that are aligned**
 - Do not use another boat as object
 - Objects abeam are best
- **If objects remain aligned you anchor is holding**
 - If not remain aligned you anchor is dragging
- **If anchor is dragging**
 - Pay out more rode; or
 - Pick up anchor and start again

Grounding

- **Happens to everybody**
 - Sooner or later
- **If soft muddy/sandy bottom with rising tide, you're lucky**
 - Heal the boat with sails and crew weight to raise keel off the bottom.
 - Depart same direction you entered
- **If rocky bottom or with outgoing tide**
 - Lower sails and put on PFD
 - Kedge anchor to keep from going harder aground
 - Wind and wave action
- **Attract attention with distress signal**
- **Stay with the boat**